



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

24/Jul/2009

State Load Dispatch Center,Airoli (MSETCL)

Daily system Report for 24/Jul/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	86.753	2289.841	1) Madhya Pradesh	32.910	1081.562
2) Hydro	6.380	154.115	2) Gujrat	21.991	433.395
3) Gas	14.295	302.548	3) Goa	-5.791	-131.605
Total MSGENCO	107.428	2746.504	4)TAPS 1&2 (Inj.)	5.749	93.258
B) OTHERS			5)Pench (Excess)	-1.004	-4.583
1) RGPPL Gas	22.465	531.960	# Total Cent. Sector	53.855	1472.027
2) Wind Generation	23.412	382.131	F) Other Exchanges		
3) PENCH (MS)	1.004	6.241	1) With TPCL	-3.416	-102.318
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.228	665.500	1) MSEDCL Bilateral	0.614	57.389
2) TPCL Hydro	6.341	84.023	Include PX	0.000	2.020
TOTAL TPCL	33.569	749.523	2) MUMBAI Bilateral	3.555	98.253
3) REL Thermal	12.700	289.043	Include PX	1.344	38.978
D) STATE			3) MUMBAI Schedule	3.555	107.683
1) Thermal (A1+C1+C3)	126.681	3244.384	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.725	244.379	1) MSEDCL	204.748	5042.786
3) Gas (A3+B1)	36.760	834.508	2) TPCL	32.847	754.438
4) Wind (B2)	23.412	382.131	3) REL	16.837	386.439
TOTAL STATE	200.578	4705.402	TOTAL STATE	254.432	6183.663

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	3611	3880	3426
MSGENCO Hydro	257	765	148
MSGENCO Gas	633	558	627
MSGENCO Total Generation	4501	5203	4201
Central Sector Receipt	2499	2896	1784
RGPPL	935	936	938
WIND	1029	760	970
Exchange with TPCL	-285	-115	37
MSEDCL DEMAND MET	8730	9731	7950
Load Shedding	0	1384	0
MSEDCL DEMAND (INCL. LS)	8730	11115	7950
TPCL GENERATION	1563	1667	855
REL GENERATION	529	527	529
TPCL+REL DEMAND	2377	2309	1347
STATE DEMAND MET	11107	12040	9297
STATE DEMAND (INCL. LS)	11107	13424	9297
Frequency (Hz)	49.71	49.58	49.99
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			1135 MW at 21.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			-3.28 Mus.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.36 Hz at 13.03 Hrs	48.95 Hz at 23.07 Hrs	49.81	.15 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 24/Jul/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.05	24.93	44	0	0
Unit 2	1.35	13.58	76	36	55
Unit 3	1.45	24.27	73	46	70
Unit 4	1.18	1.79	65	32	60
Unit 5	3.91	60.80	178	144	170
Unit 6	4.22	76.44	184	164	170
Unit 7	0.00	47.54	0	0	0
	12.16	249.35			525
Bhusawal					
Unit 1	0.41	19.99	26	10	20
Unit 2	0.90	68.29	100	0	100
Unit 3	2.70	84.44	164	53	130
	4.01	172.72			250
Parli					
Unit 1	0.54	11.04	24	20	20
Unit 2	0.56	13.06	27	21	20
Unit 3	3.72	42.89	174	105	150
Unit 4	3.39	79.59	155	110	150
Unit 5	3.89	88.28	180	146	160
Unit 6	0.00	0.00	0	0	0
	12.10	234.86			500
Chandrapur					
Unit 1	3.51	86.11	157	138	155
Unit 2	3.48	83.87	149	141	145
Unit 3	4.20	92.86	202	131	205
Unit 4	3.94	91.60	184	135	180
Unit 5	5.40	205.47	420	0	0
Unit 6	8.29	189.24	399	309	350
Unit 7	0.00	141.54	0	0	0
	28.81	890.70			1035
Paras					
Unit 2	0.87	19.72	42	20	36
Unit 3	0.00	90.94	0	0	0
	0.87	110.66			36
Khaparkheda					
Unit 1	3.84	94.29	171	143	160
Unit 2	4.04	90.24	183	149	160
Unit 3	4.08	95.03	174	162	160
Unit 4	4.08	94.50	179	161	160
	16.04	374.05			640
Nasik					
Unit 1	0.00	8.17	0	0	0
Unit 2	1.80	27.41	85	62	80
Unit 3	3.31	28.48	176	95	170
Unit 4	3.99	101.19	185	150	170
Unit 5	3.66	92.25	172	128	160
	12.76	257.51			580
Uran					
All Units	14.30	302.55	643	501	600
	14.30	302.55			600
Koyna					
Stage 1-2	1.10	36.11	110	30	600
Stage 4	0.27	39.65	183	0	250
Koyna 12&4 Total	1.36	75.76			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.35	32.17	240	0	240
	2.71	107.94			1090
Hydro					
KDPH	0.61	1.97	37	19	0
VTRNA	0.34	5.68	61	0	60
TILLARI	0.94	15.69	60	0	60
BHTGR/VEER	0.22	0.64	9	9	0
BHIRA T.R.	0.49	7.58	83	0	80
RNGR+BHTSA	0.05	3.81	2	2	0
BHANDARDRA	1.03	5.45	43	43	34
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.00	0.00	0	0	0
GHATGHAR	0.00	5.35	0	0	0
	3.67	46.18			234
PENCH (MS)					
Pench (MS)	1.00	6.24	51	20	
	1.00	6.24			
Wind					
MalharPeth	0.70	18.88			
Vankuswadi	2.29	42.81			
ATIT	0.37	8.85			
Kale	1.33	7.84			
Satara	0.87	27.82			
Shirala	0.89	16.42			
K Mahankal	0.15	7.97			
Supa	0.53	7.74			
Vita	4.60	86.54			
Dondaicha	7.01	95.00			
Sakri	1.37	15.09			
Nandurbar	0.48	10.51			
Khadakale	2.03	21.95			
Khaparale	0.80	14.71			
	23.41	382.13			
Dabhol					
RGPP L II	22.46	531.96	939	933	890
RGPP L III		0.00	0	0	
	22.46	531.96			890
Tata					
Trombay 4	0.00	0.04	0	0	0
Trombay 5	11.09	260.36	470	400	470
Trombay 6	9.89	241.30	510	150	500
Trombay 7A	2.43	64.88	105	97	100
Trombay 7B	0.00	6.13	0	0	0
Trombay 8	3.82	92.80	183	105	170
TATA Hydro	6.34	84.02	463	56	447
	33.57	749.52			1687
REL					
1&2	12.70	289.04	532	527	500
	12.70	289.04			500
Cent Sect					
Share					2778
					2778

MS PG CL	Thermal	86.75	2289.84		3566
	Thml+Gas	101.05	2592.39		4166
	Hydro	6.38	154.12		1324
	Total	107.43	2746.50		5490
State Total		200.58	4705.40		11345

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/Jul/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	3430	153	632	4215	937	803	2580	2163	5	27	8196	0	8196	1569	9765	49.89
2	3318	158	628	4104	938	833	2510	2144	5	30	8100	0	8100	1438	9538	49.92
3	3348	153	628	4129	939	926	2442	1926	5	33	8004	0	8004	1381	9385	50.00
4	3426	148	627	4201	938	970	2442	1784	5	37	7950	0	7950	1347	9297	49.99
5	3396	153	626	4175	937	960	2442	2087	5	35	8214	0	8214	1360	9574	49.83
6	3437	158	624	4219	934	996	2442	2342	5	30	8572	0	8572	1459	10031	49.58
7	3504	143	640	4287	936	975	2405	2761	5	29	9039	0	9039	1588	10627	49.87
8	3530	205	640	4375	936	1072	2368	2550	5	27	9011	0	9011	1758	10769	49.87
9	3522	221	643	4386	937	975	2368	2480	5	25	8854	0	8854	1978	10832	49.94
10	3611	257	633	4501	935	1029	2421	2499	-253	-285	8730	0	8730	2377	11107	49.71
11	3630	230	608	4468	936	1085	2517	2202	-324	-355	8387	0	8387	2591	10978	49.85
12	3671	202	633	4506	935	1181	2548	1889	-385	-414	8148	0	8148	2642	10790	49.81
13	3626	223	639	4488	933	1189	2562	1709	-347	-390	7980	0	7980	2608	10588	50.00
14	3674	168	591	4433	937	1224	2515	1520	-253	-299	7835	0	7835	2461	10296	49.93
15	3699	182	563	4444	935	1277	2468	1579	-277	-323	7932	0	7932	2505	10437	49.75
16	3626	180	565	4371	934	991	2468	1674	-277	-321	7700	0	7700	2506	10206	49.81
17	3693	193	572	4458	934	1138	2468	1958	-277	-322	8186	0	8186	2509	10695	49.84
18	3740	203	571	4514	937	1023	2487	2066	-261	-242	8318	0	8318	2455	10773	49.97
19	3791	354	569	4714	935	991	2519	2293	-255	-236	8748	0	8748	2387	11135	49.89
20	3851	611	570	5032	935	775	2782	3084	-279	-261	9585	1103	10688	2404	13092	49.70
21	3880	765	558	5203	936	760	2898	2896	-161	-115	9731	1384	11115	2309	13424	49.58
22	3882	508	532	4922	937	694	2854	2785	-111	-68	9321	1384	10705	2185	12890	49.52
23	3775	429	501	4705	937	799	2828	2838	-74	-31	9299	1072	10371	2015	12386	49.63
24	3687	383	502	4572	937	746	2800	2629	-71	-27	8905	805	9710	1853	11563	49.60
MUs	86.75	6.38	14.30	107.42	22.46	23.41	61.13	53.86	-3.55	-3.42	204.74	5.75	210.49	49.68	260.18	49.81

NOTE : ALL VALUES IN MW

MUMBAI Sch./Net Exch is shown with reference to MSETCL System. (+) indicates MUMBAI to MSETCL and (-) indicates MSETCL to MUMBAI. MUMBAI Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 24/Jul/2009

Position as on 6.30 Hrs of 25/Jul/2009

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	31/03/2010
Parli Unit 6	250	03/06/2009	06.35		Continued.	Annual Overhaul	28/07/2009
Nasik Unit 1	125	05/07/2009	6:15		Continued.	Annual Overhaul.	09/08/2009
Chandrapur Unit 7	500	16/07/2009	04:53		Continued.	A/OH.	16/08/2009
Cent_Sect NTPC(V-7)	500	18/07/2009	23.27		Continued.	Annual Overhaul.	20/08/2009
Koradi Unit 7	210	20/07/2009	09.57		Continued.	Annual Overhaul	
Koradi Unit 1	105	24/07/2009	01:20		Continued.	ANNUAL OVERHAUL	04/09/2009
Parli Unit 4	210	25/07/2009	00.58		Continued.	AOH.	20/08/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	20/12/2009
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	15/02/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	25/10/2009
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	01/07/2009	00:46		Continued.	W/dn	
Tata Trombay 7B	60	04/07/2009	21.12		Continued.	GT.Bucholz Operated.	10/08/2009
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Chandrapur Unit 5	500	22/07/2009	23:32	24/07/2009	06.53	Sec. Air Heater Prob.	
Paras Unit 3	250	23/07/2009	03.41		Continued.	Coal Bunkering Problem	25/07/2009
Cent_Sect Kawas GT1A	106	24/07/2009	09.42		Continued.	Low demand.	
Cent_Sect Gandhar U3	144	24/07/2009	10.41		Continued.	Low demand.	
Bhusawal Unit 2	210	24/07/2009	11.55		Continued.	Boiler Tube Leakage.	
Tata Trombay 7A	120	25/07/2009	00.21		Continued.	Gas path inspection.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jul/2009

Position as on 6.30 Hrs of 25/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - II	01/07/2009	09.12		Continued.	H/T FOR O/V
AKOLA-WARDHA--I	09/07/2009	06:32		Continued.	H/T FOR O/V
Kolhapur-Mapusa Ckt I	22/07/2009	13:13		Continued.	H/T for O/V.
Chandrapur-Bhadravati-II	23/07/2009	13.46		Continued.	H/T For O/V.
DHULE-SAR'SAROVAR-I	24/07/2009	03.03	24/07/2009	06.10	H/T O/V.
DHULE-SAR'SAROVAR-I	25/07/2009	02.05		Continued.	For O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Khandwa-II	19/06/2009	16:13		Continued.	3 Tower Collapsed.
Dhule-Sar'Sarovar II	23/07/2009	00:18		Continued.	H/T For O/V.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 315MVA ICT-III at Padgha	24/07/2009	08.46	24/07/2009	18.34	Bay Maint.work.
M.B.I. at A'bad	24/07/2009	11.22	24/07/2009	17.49	PG Isolator repl.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Nasik-Bablsr Ckt I	09/07/2009	09:45		Continued.	CKT on TBC,for Main Breaker Replacement.
220/132 KV,63 MVA,ICT-2 at Lonand.	10/07/2009	12.10		Continued.	HV C.B.Repl.,ICT on TBC
Bus Coupler at Khaparkheda	16/07/2009	11.57		Continued.	C.B.O/H Work.
Miraj-Vita	23/07/2009	11.24		Continued.	Commissioning of dist.Prot Relay.
220/132 KV 63MVA T/F I at Lonand	23/07/2009	11.50		Continued.	Errection of New T/F
Ghatghar-Jindal	24/07/2009	07.44	24/07/2009	19.40	Cross arm repl.
Khaperkheda-Koradi Ckt.	24/07/2009	10.40	24/07/2009	16.33	Quarterly Maint.work.
Koradi-Butibori	24/07/2009	11.33	24/07/2009	14.35	To attend hot spot.
Taloja-OCIL - 1	24/07/2009	12.18	24/07/2009	18.10	Bay Maint.work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV,315MVA ICT-II at BBLSR	18/07/2009	01.33		Continued.	H/T H V Side & L V Side Breakers due to fire in cable.
400/220 KV,315 MVA ICT AT NAGOTHANE	24/07/2009	10.16	24/07/2009	14.53	Hot Spot.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha--Dhamangaon	21/07/2009	18.57	24/07/2009	01.40	To control Koradi ICT Loading
Wardha-Badnera	21/07/2009	18.58	24/07/2009	01.40	to control Koradi ICT Loading
Wardha-Badnera	24/07/2009	06.25		Continued.	H/T To increase Akola ICT Load
Wardha--Dhamangaon	24/07/2009	06.26		Continued.	H/T To increase Akola ICT load.
Pedambe-Newkoyna	24/07/2009	09.30	24/07/2009	17.28	To attend B/D of N.koyna-Pawas line.
220/132 KV,150 MVA ICT At Theur.	24/07/2009	13.03	24/07/2009	13.33	To attend oil leakage.
Bhosari-C'enka	24/07/2009	14.25	24/07/2009	18.18	Relay Testing work.
Kandalgaon-Bhira	24/07/2009	15.15	24/07/2009	16.22	Breaker problem.
Pusad - Parbhani	25/07/2009	06.19		Continued.	H/T to control loading of Pusad-Bhugaon

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jul/2009

Position as on 6.30 Hrs of 25/Jul/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Amravati-Morshi Ckt.	24/07/2009	21.15		Continued.	On TBC.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola-Bhusawal	24/07/2009	01.35	24/07/2009	06.22	Tripped on O/V.
Koradi-Akola	24/07/2009	01.35	24/07/2009	06.22	Tripped on O/V.
Voltage Level : 220KV			Outage Type TRIPPED		
Murud-Bale	22/07/2009	17:50	24/07/2009	08.50	Y-Ph PT Failed.
New-Koyna-Pawas	23/07/2009	11.58	24/07/2009	17.05	Back up prot operated..

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Jul/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	60
Unit 4	105	70
Unit 5	200	170
Unit 6	210	170
Unit 7	210	0
	1040	540
Bhusawal		
Unit 1	58	20
Unit 2	210	0
Unit 3	210	170
	478	190
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	0
Unit 5	210	150
Unit 6	250	0
	940	340
Chandrapur		
Unit 1	210	155
Unit 2	210	145
Unit 3	210	200
Unit 4	210	180
Unit 5	500	425
Unit 6	500	400
Unit 7	500	0
	2340	1505
Paras		
Unit 2	55	34
Unit 3	250	0
	305	34
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	180
Unit 4	210	180
	840	720
Nasik		
Unit 1	120	0
Unit 2	120	80
Unit 3	210	170
Unit 4	210	170
Unit 5	210	160
	870	580
Uran		
All Units	852	620
	852	620
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	0
BHANDARDRA	45	34
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	234
PENCH (MS)		
Pench (MS)	53	
	53	
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khadakale	0	
Khaparale	0	
	0	
Dabhol		
RGPL II	960	890
RGPL III	740	
	1700	890
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	0
Trombay 7B	60	0
Trombay 8	250	175
TATA Hydro	444	447
	2024	1622
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2898
	3143	2898